

METHOD AND APPARATUS FOR A FAST PROCESS MONITOR SUITABLE
FOR A HIGH AVAILABILITY SYSTEM

Abstract of the Disclosure

5 An application initiates a parent process (102) to begin executing the
application. The parent process (102) creates a child process (104) to
execute the application. The parent monitors the death of the child process
using inter-process communications (118). The child process monitors the
parent process using polling (114, 116). If the parent process detects the
10 death of the child, the parent process creates another child to continue the
processing of the dead child. If the child process detects the death of the
parent process (119), the child creates another child process (120) to execute
the application it previously executed. The original child, now a parent,
monitors the child process via inter-process communication (128). The new
15 child monitors the parent using polling (124, 126)

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